

2017 Soybean Top 30 Harvest Report

Iowa North [IANO] ALGONA

Merlin Eischeid, Kossuth County, IA 50511



Test by: North Iowa F.I.R.S.T., Inc, Sanborn, IA

PREV. CROP/HERB: Corn / Harness, Roundup, Impact, Hornet
 SOIL DESCRIPTION: Clarion clay loam, mod. well drained, non-irrigated
 SOIL CONDITIONS: High P, medium K, 7.5 pH, 4.2% OM, 29.4 CEC
 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Matador, Roundup, Top Gun, Intensity One
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 30 141,000 /A 30" Spacing
 HARVESTED - STAND: Oct 17 134,300 /A

Early-Season Test
Maturity Group 1.7 - 2.1
 S2017IANO02a

Top 30 of 54
 For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
Champion	20X98N	RRX	2.0	R	63.6	13.5	1	135.0	\$572	1
Hefty	H18X8	RRX	1.8	R	63.1	13.5	1	133.8	\$567	2
Cornelius	CB18X80	RRX	1.8	R	62.8	13.3	1	133.6	\$565	3
Dairyland	DSR-2110/R2Y	RR2Y	2.1	R	62.4	13.4	1	137.7	\$561	4
Prairie Brand	PB-2197R2	RR2Y	2.1	R	61.9	13.5	1	134.7	\$556	5
Latham	L1845R2X	RRX	1.8	MR	61.8	13.5	1	134.6	\$556	6
Becks	185R2	RR2Y	1.8	R	61.7	13.7	1	130.8	\$554	7
LG Seeds	C1838RX	RRX	1.8	R	61.5	13.4	1	129.3	\$553	8
NK Brand	S20-T6 §	RR2Y	2.0	MR	61.5	13.4	1	132.5	\$553	9
Legend	LS 20X746N	RRX	2.0	R	61.4	13.5	1	137.4	\$552	10
Pfister	21R205	RR2Y	2.1	R	61.3	13.5	1	129.1	\$551	11
Kruger	K2X-1862	RRX	1.8	R	60.8	13.6	1	133.6	\$546	12
Legend	LS 17X802N	RRX	1.7	R	60.7	13.4	1	136.0	\$546	13
Titan Pro	TP-18X97	RRX	1.8	MR	60.5	13.5	1	135.2	\$544	14
Renk	RS195NR2	RR2Y	1.9	R	60.4	13.5	1	130.0	\$543	15
Asgrow	AG21X7 §	RRX	2.1	R	60.4	13.6	1	138.2	\$543	16
Champion	18R37N	RR2Y	1.9	R	60.1	13.4	1	135.7	\$540	17
Dairyland	DSR-1950/R2Y	RR2Y	1.9	R	59.6	13.4	1	134.1	\$536	19
Latham	L2184R2X	RRX	2.1	R	59.5	13.5	1	138.3	\$535	20
Cornelius	CB19R71	RR2Y	1.9	R	59.5	13.7	1	137.7	\$535	21
LG Seeds	C1870R2	RR2Y	1.8	R	59.4	13.4	1	135.2	\$534	22
Champion	20R35N	RR2Y	2.0	R	59.4	13.4	1	133.8	\$534	23
Channel	1917R2X	RRX	1.9	R	59.4	13.4	1	134.4	\$534	24
Channel	2017R2X	RRX	2.0	MR	59.4	13.4	1	135.4	\$534	25
Stine	19RF32 §	RR2Y	1.9	R	59.3	13.5	1	132.9	\$533	26
Titan Pro	TP-20X57	RRX	2.0	MR	59.2	13.8	1	133.8	\$532	27
Asgrow	AG17X8 §	RRX	1.7	R	59.1	13.6	1	134.6	\$531	28
Cornelius	CB20R44	RR2Y	2.0	R	59.0	13.5	1	135.7	\$530	29
Latham	L2084R2	RR2Y	2.0	R	58.9	13.4	1	130.0	\$530	30
Titan Pro	TP-21X46	RRX	2.1	R	58.8	13.5	1	133.0	\$529	31
Croplan	R2C2200 CK	RR2Y	2.2	R	59.7	13.5	1	133.2	\$537	18

Corey Rozenboom

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corey.rozenboom@firstseedtests.com, (319) 830-8886

Averages = **59.2** **13.5** **1** **134.3** **\$532**
 LSD (0.10) = 2.6 1.2 ns
 LSD (0.25) = 1.4 0.6 ns
 C.V. = 4.2

Prev. years avg. yield, 55.7 bu/a, 10 yrs

Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

TEST COMMENTS: *After a dry July, a few late August showers delivered enough rain to fill pods and save some yield. Plants had signs of drought stress during July. There were some flat pods found at harvest. Seasonal rainfall totals from planting to R6 were 1.4" below the 30-yr average. Through the season, 2.4" came during vegetative stages, 2.1" from bloom to full pod and 9.7" from beginning seed to mature.*

† See last page for abbreviation descriptions. Results in **bold** are significantly above test average by LSD (0.10). **ns** = column values not significantly different.

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Report Date: 10/18/2017 Revised:

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 TILLAGE/CULTIVATION: Conventional w/ fall till
 PEST MANAGEMENT: Matador, Roundup, Top Gun, Intensity One
 APPLIED N-P-K (units): 0-0-0
 SEEDED - RATE - ROW: May 30 141,000 /A 30" Spacing
 HARVESTED - STAND: Oct 17 134,700 /A

Full-Season Test
Maturity Group 2.2 - 2.5
 S2017IANO02b

Top 30 of 42

For Gross Income (Sorted by Yield)
 Average of (3) Replications

Company/Brand	Product/Brand†	Technol.†	Mat.	SCN Resist.	Yield Bu/A	Moisture %	Lodging %	Stand (x 1000)	Gross Income \$/Acre	Rank
FS HiSoy	HS 23X70	RRX	2.3	R	65.4	13.4	1	133.2	\$588	1
Latham	L2228R2	RR2Y	2.2	R	63.0	13.4	1	133.2	\$566	2
Latham	L2368R2X	RRX	2.3	R	62.3	13.9	1	134.1	\$560	3
Titan Pro	TP-24R26	RR2Y	2.4	R	61.5	13.4	1	137.1	\$553	4
Prairie Brand	PB-2486R2	RR2Y	2.4	R	60.9	13.5	1	130.3	\$547	5
Latham	L2482R2	RR2Y	2.4	R	60.6	14.0	1	137.9	\$544	6
Cornelius	CB24R82	RR2Y	2.4	R	60.4	13.4	1	134.9	\$543	7
Stine	24RH62 §	RR2Y	2.4	R	60.2	13.6	1	135.5	\$541	8
Pioneer	P25T51R §	RR	2.5	R	60.1	13.5	1	136.6	\$540	10
Dairyland	DSR-2330/R2Y	RR2Y	2.3	R	60.0	13.4	1	131.9	\$540	11
Pfister	24R201	RR2Y	2.4	R	60.0	13.5	1	134.0	\$539	12
Titan Pro	TP-24X87	RRX	2.4	MR	59.9	13.3	1	135.8	\$539	13
Renk	RS246NR2	RR2Y	2.4	R	59.8	13.4	1	131.8	\$538	14
Hefty	H22X8	RRX	2.2	R	59.6	13.3	1	129.3	\$536	15
Cornelius	CB24X64	RRX	2.4	R	59.4	13.4	1	139.6	\$534	16
Prairie Brand	PB-2228R2	RR2Y	2.2	R	59.4	13.4	1	134.4	\$534	17
Champion	23X78N	RRX	2.3	R	59.4	13.5	1	138.0	\$534	18
FS HiSoy	HS 23A42	RR2Y	2.3	R	59.2	13.3	1	134.9	\$532	19
Golden Harvest	GH2537X §	RRX	2.5	R	59.2	13.9	1	134.3	\$532	20
Champion	22R07N	RR2Y	2.2	R	58.9	13.5	1	137.1	\$530	21
Cornelius	CB22X73	RRX	2.2	R	58.5	13.2	1	135.0	\$526	22
Hefty	H24X8	RRX	2.4	R	58.4	13.4	1	136.9	\$525	23
Champion	24R87N	RR2Y	2.4	R	58.2	13.8	1	134.9	\$523	24
Hefty	H25X8	RRX	2.5	R	58.1	13.4	1	134.7	\$522	25
LG Seeds	C2201RX	RRX	2.2	R	58.0	13.3	1	130.2	\$522	26
Champion	22R38N	RR2Y	2.2	R	57.8	13.4	1	132.7	\$520	27
FS HiSoy	HS 25X70	RRX	2.5	R	57.4	13.5	1	136.8	\$516	28
Latham	L2458EXGT	BG	2.4	R	57.2	13.5	1	135.5	\$514	29
Pioneer	P22T73R §	RR	2.2	R	57.1	13.5	1	135.2	\$513	30
Cornelius	CB22R88	RR2Y	2.2	R	56.6	13.4	1	134.4	\$509	31
Croplan	R2C2200 CK	RR2Y	2.2	R	60.1	13.4	1	132.2	\$540	9

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Averages = **58.4** **13.5** **1** **134.7** **\$525**
 LSD (0.10) = 2.5 0.9 ns
 LSD (0.25) = 1.3 0.5 ns
 C.V. = 4.1

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Yield & Income Factors: Base Moisture = 13.0% Shrink = 1.3 Drying = \$0.020 Prices = \$9.00 GMO; \$9.00 non-GMO

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Footnotes and Abbreviation Descriptions

Brand Footnotes

^	G2 [®] brand seed is distributed by NuTech Seed, LLC. RPM [®] brand seed is distributed by Doebler's PA Hybrids, Inc. Supreme EX [®] brand seed is distributed by Seed Consultants, Inc. VPM [®] brand seed is distributed by AgVenture, Inc. XL [®] brand seed is distributed by Beck's Superior Hybrids. Curry [®] , G2 [®] , HPT [®] , RPM [®] , Supreme EX [®] , VPM [®] and XL [®] are registered trademarks of DuPont Pioneer.
CK	Identifies a check product included in early- and full-season tests.
GC	Grower Comparison product included by FIRST when space permits.
§	United Soybean Board sponsored entry

Soybean Technologies

BG	Balance™ GT
LL	LibertyLink [®]
None	Conventional, non-GMO
RR	Glyphosate tolerant
RR2Y	Genuity [®] Roundup Ready 2 Yield [®]
RRX	Roundup Ready 2 Xtend [®]
ST	Sulfonylurea herbicide tolerant

Soybean Cyst Nematode (SCN) Resistance Rating

S	susceptible
MR	moderate resistance
R	resistant
n/a	info unavailable

Soybean Seed Treatments*

?	information unavailable	Gr+	Great Start™ Max Plus
A2020	Alert 2020™	I	insecticide
AC	Acceleron [®] fungicide products	IL	ILeVO [®]
ACi	Acceleron [®] fungicide and insecticide products	In	Intego™ Solo
AG	ArmourGuard™	IS	Intego™ Suite
AM	ApronMaxx [®]	MAG	Maximum ArmourGuard™
ASfi	AgriShield [®] F+I	Me	Mertect [®]
AVB	Avicta [®] Complete Beans	Mg	Magnum ST™ (standard)
AVBV	Avicta [®] Complete Beans with Vibrance [®]	NCFI	N-Compass™ Plus F/I
CCB	Clariva™ Complete Beans	None	untreated
CI	Clariva™ pn	Pd	proTect D™
CMB	CruiserMaxx [®] Beans	Pdi	proTect D/I™
CMBV	CruiserMaxx [®] Beans with Vibrance [®]	PG+	Profit Guard +™
DPHB	DPH Boost [®]	PS	MAS Pro-Shield
DST	Dominance™ ST	PV	Poncho [®] /Votivo [®]
DX	Defend™ Extra	SDPI	Servo™ DPI
EcTC	Eclipse™ US Total coverage	SFI	Stine XP fungicide & insecticide
EE	Evergol™ Energy	SS	Soyshield™
EL	Elevate™ F+I	SS+	Soyshield Plus™
ELV	Elevate™ VIP (F+I+N)	SStd	SureStand™
En	Encase [®]	TE	Trius Elite™
EQV	Equity [®] VIP	TT	Turbo Treat™
Es	Escalate™	W	Warden [®] CX
F	fungicide	Wr	Warden [®] RTA
G	Gaicho [®]	YPP	YP Pro™

* Seed treatments may include unspecified plant health promoting components.